

This listing of the claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (previously presented) An isolated DNA fragment comprising the nucleotide sequence of SEQ ID NO:3.

2. (currently amended) The DNA fragment according to Claim 1, ~~characterized in that it originates from human skeletal muscle.~~

Claims 3-6 (canceled).

7. (currently amended) A recombinant DNA fragment comprising ~~a~~ the DNA sequence according to claim 1.

8. (currently amended) A cloning vector comprising ~~a~~ the DNA sequence according to claim 1.

9. (previously presented) The cloning vector of claim 8, wherein the cloning vector is a plasmid or phage.

Claim 10. (canceled).

11. (currently amended) A recombinant DNA molecule of SEQ ID NO:3 deposited with the ATCC as ATCC NO 97999.

Claims 12-18 (canceled).

19. (previously presented) An isolated DNA fragment encoding UCP3<sub>L</sub> of SEQ ID NO:4.

20. (previously presented) The DNA fragment of claim 19 which originates from human skeletal muscle.

Claim 21 (canceled).

22. A host cell comprising the DNA fragment of claim 19.